				· · · · · · · · · · · · · · · · · · ·
L Number	Hits	Search Text	DB	Time stamp
1	1	"6453176"	DERWENT	2004/06/10 08:41
2	8	"9902563"	DERWENT	2004/06/10 08:41
3	577	"lopes".in.	DERWENT	2004/06/10 08:41
4	24	"lopes".IN. AND "luis".IN.	ЕРО; ЛРО	2004/06/10 08:42
-	141	375/\$.CCLS. AND "beamforming"	USPAT;	2003/11/14 08:42
}			US-PGPUB	
-	6	155736.AP.	USPAT;	2003/11/14 08:41
			US-PGPUB	
· -	141	375/\$.CCLS. AND "beamforming"	USPAT;	2003/11/14 11:28
			US-PGPUB	
_	21	(375/\$.CCLS. AND "beamforming") AND @pd<19990923	USPAT;	2003/11/17 11:00
		(0.010.00000000000000000000000000000000	US-PGPUB	2005/11/1/11:00
_	34960	375/\$.CCLS.	USPAT;	2003/11/14 09:31
	3 1,000	37374.0025.	US-PGPUB	2003/11/14 07:51
_	20575	375/\$.CCLS. AND @pd<19990923	USPAT;	2003/11/14 13:37
-	20373	375/4.00Lb. AIVD (a)pd 17770723	US-PGPUB	2003/11/14 13.37
	140	(375/\$.CCLS. AND @pd<19990923) AND antenna NEAR array\$		2002/11/14 11:22
-	140	(3/3/3.CCLS. AND @pd<19990923) AND antenna NEAR arrays	USPAT;	2003/11/14 11:33
	02724	(COURDIN NIC OF CUUTOUED AGE TEREAL ANTENNIA ON A	US-PGPUB	2002/11/14 11 25
-	83734	(SCHEDULING OF SWITCHED MULTIBEAM ANTENNAS IN A	USPAT;	2003/11/14 11:25
	_	MULTIPLE ACCESS ENVIRONMENT).TI.	US-PGPUB	2002/12/12
-	0	"SCHEDULING OF SWITCHED MULTIBEAM ANTENNAS IN A	USPAT;	2003/11/14 11:25
		MULTIPLE ACCESS ENVIRONMENT".TI.	US-PGPUB	
-	141	375/\$.CCLS. AND "beamforming"	USPAT;	2003/11/17 11:13
-			US-PGPUB	
-	27	(375/\$.CCLS. AND "beamforming") AND @pd<20000922	USPAT;	2003/11/14 11:31
			US-PGPUB	
-	0	((375/\$.CCLS. AND "beamforming") AND @pd<20000922) NOT	USPAT;	2003/11/14 11:31
		(375/\$.CCLS. AND "beamforming")	US-PGPUB	
_	6	((375/\$.CCLS. AND "beamforming") AND @pd<20000922) NOT	USPAT;	2003/11/14 11:31
	1	((375/\$.CCLS. AND "beamforming") AND @pd<19990923)	US-PGPUB	2003/11/11/11/51
<u>-</u>	20575	375/\$.CCLS. AND @pd<19990923	USPAT;	2003/11/14 11:33
	20373	37574.00ES.71175 (a)pa 177770723	US-PGPUB	2003/11/14 11:55
<u> </u>	170	(375/\$.CCLS. AND @pd<20000922) AND antenna NEAR array\$	USPAT;	2003/11/14 11:34
-	1/0	(373/4.CCES. AND (apa-20000322) AND ancilia NEAR arrays	US-PGPUB	2003/11/14 11.54
	30	((375/\$.CCLS. AND @pd<20000922) AND antenna NEAR array\$)		2003/11/14 11:34
-	30	NOT ((375/\$.CCLS. AND @pd<19990923) AND antenna NEAR	USPAT;	2003/11/14 11:34
-	:		US-PGPUB	
	Ι,	array\$)	TIODATE	000001111111111111111111111111111111111
-		"5778307".PN.	USPAT	2003/11/14 12:14
-	1	"5579341".PN.	USPAT	2003/11/14 12:15
-	1	"5570356".PN.	USPAT	2003/11/14 12:16
-		"5499389".PN.	USPAT	2003/11/14 12:16
-	1	"5274836".PN.	USPAT	2003/11/14 12:16
-	.1	"5243629".PN.	USPAT	2003/11/14 12:17
-	1	"5239560".PN.	USPAT	2003/11/14 12:17
-	1	"5621752".PN.	USPAT	2003/11/14 12:17
-	20575	375/\$.CCLS. AND @pd<19990923	USPAT;	2003/11/14 13:37
			US-PGPUB	
-	122	(375/\$.CCLS. AND @pd<19990923) AND Kalman	USPAT;	2003/11/14 14:23
1		j	US-PGPUB	
-	60	(multipath OR multi-path) NEAR estimation	USPAT;	2003/11/14 15:19
		(mary mary rate)	US-PGPUB	
l <u>-</u>	51152	455/\$.CCLS.\	USPAT;	2003/11/14 14:26
	31132	15574.0055.1	US-PGPUB	2003/11/14 14.20
<u> </u>	34063	455/\$.CCLS.\ AND @pd<20000922	USPAT;	2003/11/14 14:27
-	34003	+33/4.CCLS.\ M\D (\w)pu\20000322	US-PGPUB	2003/11/14 14.2/
1	0.5	(455/\$ CCLS) AND (200000000) AND hoomforms		2002/11/17/11:00
1 -	85	(455/\$.CCLS.\ AND @pd<20000922) AND beamform\$	USPAT;	2003/11/17 11:00
1	ļ	// W d OD W d\\max\text{min} \(\text{d} \\ \text{A} \\ \text{D} \\ \text{O} \\ \text{A} \\ \text{A} \\ \text{O} \\ \text{D} \\ \text{O} \\ \text{A} \\ \text{A} \\ \text{D} \\ \text{O} \\ \text{A} \\ \text{D} \\ \text{O} \\ \text{A} \	US-PGPUB	2002/12/12/12
-	13	((multipath OR multi-path) NEAR estimation) AND @pd<19990923	USPAT;	2003/11/14 15:36
1			US-PGPUB	1
-	0	08650631.AP.	USPAT;	2003/11/14 15:36
			US-PGPUB	
-	0	08/650631.AP.	USPAT;	2003/11/14 15:36
			US-PGPUB	
			·	

Search History 6/10/04 11:19:15 AM Page 1

-	0	08/650631.PRAN.	USPAT; US-PGPUB	2003/11/14 15:36
-	0	650631.PRAN.	USPAT;	2003/11/14 15:37
-	0	9.SRC. AND 650631.AP.	US-PGPUB USPAT;	2003/11/14 15:37
-	21	(375/\$.CCLS. AND "beamforming") AND @pd<19990923	US-PGPUB USPAT; US-PGPUB	2003/11/17 11:00
-	0	((375/\$.CCLS. AND "beamforming") AND @pd<19990923) AND (chip SAME switch)	USPAT; US-PGPUB	2003/11/17 11:00
-	27	(455/\$.CCLS.\ AND @pd<20000922) AND beamform\$ AND (chip SAME switch)	USPAT; US-PGPUB	2003/11/17 11:01
-	141	375/\$.CCLS. AND "beamforming"	USPAT; US-PGPUB	2003/11/17 11:16
-	0	((455/\$.CCLS.\ AND @pd<20000922) AND beamform\$ AND (chip SAME switch)) AND "at the chip rate"	USPAT; US-PGPUB	2003/11/17 11:15
-	20	(375/\$.CCLS. AND "beamforming") AND (antenna SAME switch)	USPAT; US-PGPUB	2003/11/17 11:17
-	39	(375/\$.CCLS. AND "beamforming") AND switched	USPAT; US-PGPUB	2003/11/17 11:30
-	0	beamform\$ AND (chip ADJ rate ADJ5 switch) AND @pd<19990923	USPAT; US-PGPUB	2003/11/17 11:31
-	0	beamform\$ AND (chip ADJ rate ADJ5 switch\$) AND @pd<19990923	USPAT; US-PGPUB	2003/11/17 11:32
-	1045	beamform\$ AND @pd<19990923	USPAT; US-PGPUB	2003/11/17 11:33
-	2	(beamform\$ AND @pd<19990923) AND (chip ADJ rate)	USPAT; US-PGPUB	2003/11/17 11:33
-	3557	(beamform\$ OR (antenna ADJ array)) AND @pd<19990923	USPAT; US-PGPUB	2003/11/17 11:43
-	662	((beamform\$ OR (antenna ADJ array)) AND @pd<19990923) AND ((chip ADJ rate) OR (antenna SAME switch))	USPAT; US-PGPUB	2003/11/17 11:34
-	21	((((beamform\$ OR (antenna ADJ array)) AND @pd<19990923) AND ((chip ADJ rate) OR (antenna SAME switch))) AND (chip ADJ rate)	USPAT; US-PGPUB	2003/11/17 11:36
-	0	((beamform\$ OR (antenna ADJ array)) AND @pd<19990923) AND (switch NEAR chip NEAR rate)	USPAT; US-PGPUB	2003/11/17 11:37
-	45	((beamform\$ OR (antenna ADJ array)) AND @pd<19990923) AND (switch SAME antenna SAME rate)	USPAT; US-PGPUB	2003/11/17 11:37
-	21	((beamform\$ OR (antenna ADJ array)) AND @pd<19990923) AND "chip rate"	USPAT; US-PGPUB	2003/11/17 11:44
-	464	switch SAME antenna SAME chip	USPAT; US-PGPUB	2003/11/17 15:49
-	213	(switch SAME antenna SAME chip) AND @pd<19990923	USPAT; US-PGPUB	2003/11/17 12:11
-	1	"5757845".PN.	USPAT	2003/11/17 12:12
-	18	5844951.UREF.	USPAT;	2003/11/17 12:14
			US-PGPUB	
-	18	5844951.UREF. AND "5844951"	USPAT; US-PGPUB	2003/11/17 12:14
•	18	5844951.UREF. AND "5844951"	USPAT; US-PGPUB	2003/11/17 13:30
-	1	"5757845".PN.	USPAT	2003/11/17 13:09
-	1	"5757845".PN.	USPAT	2003/11/17 13:13
-	1	"5537443".PN.	USPAT	2003/11/17 13:16
-	1	"5528581".PN.	USPAT	2003/11/17 13:16
-	1	"5379046".PN.	USPAT	2003/11/17 13:17
-	1	"5379046".PN.	USPAT	2003/11/17 13:17
-	1	"5301167".PN.	USPAT	2003/11/17 13:17
•	1	"5263052".PN.	USPAT	2003/11/17 13:18
•	1	"5251328".PN.	USPAT	2003/11/17 13:18
-	1	"5234347".PN.	USPAT	2003/11/17 13:19
-	1	"5202903".PN.	USPAT	2003/11/17 13:19
-	1 !	"5234347".PN.	USPAT	2003/11/17 13:23
	1	"5206863".PN.	USPAT	2003/11/17 13:23

Search History 6/10/04 11:19:15 AM Page 2

-	1	"5206863".PN.	USPAT	2003/11/17 13:23
-	1	"5111484".PN.	USPAT	2003/11/17 13:23
-	1	"5005189".PN.	USPAT	2003/11/17 13:23
-	1	"5621752".PN.	USPAT	2003/11/17 13:23
-	1	"5563909".PN.	USPAT	2003/11/17 13:26
-	1	"5425000".PN.	USPAT	2003/11/17 13:27
-	1	"5430769".PN.	USPAT	2003/11/17 13:28
-	1	"5327093".PN.	USPAT	2003/11/17 13:28
-	1	"5303240".PN.	USPAT	2003/11/17 13:28
-	1	"5280297".PN.	USPAT	2003/11/17 13:28
-	1	"4747160".PN.	USPAT	2003/11/17 13:28
-	1	"5530925".PN.	USPAT	2003/11/17 13:29
-	51	switch WITH chip WITH interval	USPAT;	2003/11/17 13:33
			US-PGPUB	
-	2553	chip WITH interval	USPAT;	2003/11/17 14:03
			US-PGPUB	
-	6407328	(chip WITH interval) @pd<19990923	USPAT;	2003/11/17 13:34
			US-PGPUB	
-	1169	(chip WITH interval) AND @pd<19990923	USPAT;	2003/11/17 14:00
1		(41) 1777777 (41)	US-PGPUB	
-	229	((chip WITH interval) AND @pd<19990923) AND 375/\$.CCLS.	USPAT;	2003/11/17 13:34
		(// 1' NUMBER '	US-PGPUB	
-	131	(((chip WITH interval) AND @pd<19990923) AND 375/\$.CCLS.) AND	USPAT;	2003/11/17 13:35
] '	1/	antenna	US-PGPUB	2002/11/15 14 22
-	46	((chip WITH interval) AND @pd<19990923) AND 455/\$.CCLS.	USPAT;	2003/11/17 14:03
	0	(((abia WITTL) internal) AND @ 4 (10000000) AND 455/6 (ICL C) AND	US-PGPUB	0000/11/17 14:00
-	"	(((chip WITH interval) AND @pd<19990923) AND 455/\$.CCLS.) AND beamform\$	USPAT;	2003/11/17 14:03
	1715	antenna WITH interval	US-PGPUB	2002/11/17 14:02
-	1/13	antenna with interval	USPAT; US-PGPUB	2003/11/17 14:03
	910	(antenna WITH interval) AND @pd<19990923	USPAT;	2003/11/17 14:05
-	710		US-PGPUB	2003/11/17 14.03
_	9	((antenna WITH interval) AND @pd<19990923) AND beamform\$	USPAT;	2003/11/17 14:04
		((differential WITH interval) AND (dipa 17770725) AND beating interval)	US-PGPUB	2003/11/17 14.04
_	73	((antenna WITH interval) AND @pd<19990923) AND 375/\$.CCLS.	USPAT;	2003/11/17 14:06
	"	((ditterning villa) interval) in vib (gpd visssos25) in vib 37570.0000.	US-PGPUB	2003/11/17 14:00
l <u>-</u>	1045	beamform\$ AND @pd<19990923	USPAT;	2003/11/17 15:05
		GF 177702	US-PGPUB	
_	72	(beamform\$ AND @pd<19990923) AND (375/\$.CCLS. OR	USPAT;	2003/11/17 15:05
		455/\$.CCLS.)	US-PGPUB	
_	140	1	USPAT;	2003/11/17 15:15
			US-PGPUB	
-	398	"chip interval"	USPAT;	2003/11/17 15:50
		•	US-PGPUB	
-	230	"chip interval" AND antenna	USPAT;	2003/11/17 15:50
			US-PGPUB	
-	187	("chip interval" AND antenna) AND (375/\$.CCLS. OR 455/\$.CCLS.)	USPAT;	2003/11/17 15:51
			US-PGPUB	
-	73	(("chip interval" AND antenna) AND (375/\$.CCLS. OR 455/\$.CCLS.))	USPAT;	2003/11/17 15:53
		AND @pd<19990923	US-PGPUB	
-	7536	beamform\$ OR "antenna array"	USPAT;	2003/11/17 15:53
	_		US-PGPUB	
-	3557	(beamform\$ OR "antenna array") AND @pd<19990923	USPAT;	2003/11/17 15:55
	_	(a	US-PGPUB	
-	7	((beamform\$ OR "antenna array") AND @pd<19990923) AND "chip	USPAT;	2003/11/17 15:55
		interval"	US-PGPUB	000041145
-	434	((beamform\$ OR "antenna array") AND @pd<19990923) AND (antenna	USPAT;	2003/11/17 15:56
		WITH switch)	US-PGPUB	00000111151605
-	64	(((beamform\$ OR "antenna array") AND @pd<19990923) AND	USPAT;	2003/11/17 16:05
	110	(antenna WITH switch)) AND chip	US-PGPUB	2002/11/17 16:05
-	110	5,151,919	USPAT; US-PGPUB	2003/11/17 16:05
	110	"5151919"	US-PGPUB USPAT;	2003/11/17 16:05
1.	110		US-PGPUB	2003/11/17 16:05
	I.	<u> </u>	00-1 OI OB	L

	_			
-	110	"5151919"	USPAT; US-PGPUB	2003/11/17 16:05
-	1	"5151919".pn.	USPAT;	2003/11/17 16:05
			US-PGPUB	
-	21	(375/\$.CCLS. AND "beamforming") AND @pd<19990923	USPAT;	2003/11/18 08:18
j .	25	4087818.pn.	US-PGPUB	2004/05/25 00:10
-	23	4513412.pn.	USPAT; US-PGPUB	2004/05/25 09:19
		4549311.pn.	05-1 OI OD	
		4747160.pn.		
		5117236.pn.		
		5280297.pn.		
		5303240.pn.		
		5327093.pn.		
		5430769.pn. "5903826"		
	3114	beamform\$	USPAT:	2004/05/25 09:19
_	3114	beamornay .	US-PGPUB	2004/03/23 09.19
_	1479	beamform\$ AND sequence	USPAT;	2004/05/25 09:20
			US-PGPUB	
-	2	beamform\$ ADJ sequence	USPAT;	2004/05/25 09:23
			US-PGPUB	
-	8	beamform\$ AND (beam ADJ sequence)	USPAT;	2004/05/25 09:24
	2501	h	US-PGPUB	2004/05/25 00 25
-	2501	beamform\$ AND (beam)	USPAT; US-PGPUB	2004/05/25 09:25
_	2501	beamform\$ AND "beam"	USPAT;	2004/05/25 09:25
	2501	ocalioning first ocali	US-PGPUB	2004/03/23 07.23
-	9	beamform\$ AND ("beam" ADJ switch)	USPAT;	2004/05/25 09:39
		, , , , , , , , , , , , , , , , , , ,	US-PGPUB	
-	0	(beamform\$ AND ("beam" ADJ switch)) NOT (beamform\$ AND	USPAT;	2004/05/25 09:25
		(beam))	US-PGPUB	
-	9	(beamform\$ AND ("beam" ADJ switch)) NOT (beamform\$ AND (beam ADJ sequence))	USPAT; US-PGPUB	2004/05/25 09:25
_	44	beamform\$ AND ("beam" ADJ switch\$)	USPAT;	2004/05/25 09:39
	, ,	outline (beath 125 billions)	US-PGPUB	200 1/03/23 07:37
-	35	(beamform\$ AND ("beam" ADJ switch\$)) NOT ((beamform\$ AND	USPAT;	2004/05/25 16:14
		("beam" ADJ switch)) NOT (beamform\$ AND (beam ADJ sequence)))	US-PGPUB	
-	44	(beamform\$ AND (beam ADJ switch\$))	USPAT;	2004/05/25 16:14
	_	/hoom-formed AND //hoom-ADI'4-1-0\ MITTI 1' \\	US-PGPUB	2004/05/25 : 5 : 5
-	0	(beamform\$ AND ((beam ADJ switch\$) WITH chip))	USPAT; US-PGPUB	2004/05/25 16:15
	1	"9902563"	EPO	2004/06/01 09:36
-	109	"lopes".IN.	EPO	2004/06/01 09:41
	23	"lopes".IN. AND "luis".IN.	EPO	2004/06/01 09:41
-	24	"lopes".IN. AND "luis".IN.	ЕРО; ЛРО	2004/06/01 09:43
-	6	"antenna array system".TI.	ЕРО; ЛРО	2004/06/01 12:41
-	1	"5714957".PN.	USPAT	2004/06/01 11:27
-	1 1	"5771017".PN. "5907816".PN.	USPAT	2004/06/01 11:27 2004/06/01 11:28
]	1	"6108323".PN.	USPAT USPAT	2004/06/01 11:28
].	1	"5907816".PN.	USPAT	2004/06/01 11:38
] -	1	"6141335".PN.	USPAT	2004/06/01 11:38
-	1	"6208863".PN.	USPAT	2004/06/01 11:41
-	1	"6252542".PN.	USPAT	2004/06/01 11:41
-	1	"6311075".PN.	USPAT	2004/06/01 11:41
-	1	"6311075".PN.	USPAT	2004/06/01 11:42
	1 9	"6345188".PN. "dambacher".in.	USPAT USPAT;	2004/06/01 11:42 2004/06/02 09:23
	,	Guinoucher .III.	US-PGPUB	2004/00/02 09.23
		L	1 22 1 31 01	L